Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 28

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 Confirmation Number
 110821,284

 Filing Date
 April 9, 2004

 First Named Inventor
 Moore

 Group Art Unit
 3733

 Examiner Name
 Hoffman, Mary

 Attorney Oxclet Number
 De FSp292USNP

				U.S. PATENT DOCUMENTS			
		U.S. Patent Document			Date of Publication	Pages, Columns, Lines,	
Examiner Initials	Cite No.1			Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	where relevant passages or relevant figures appear	
		Re37161		Michelson et al.	05/01/2001		
		522747		Showell, E.	06/26/1940		
		2,005,955		Knox Granville S	06/1935		
		2,248,054		Becker	07/08/1941		
		2,268,576		George Drewett	01/1942		
		2,346,346		Anderson, R.	04/11/1944		
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				Crock et al.	12/14/1976		
		4,041,636		Folker, J.	08/16/1977		

				FOR	EIGN PATENT DOCUMENTS			
		Foreign	Patent Docume	nt	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant passages or relevant figures appear	
Examiner Initials	Cite No.1	Office ³	Number ⁴ Ki	ndCode ⁵	Applicant of Cited Document	mm-dd-yyyy		T ⁶
		wo	89 00028	A1	Biedermann et al.	01/12/1989	wo	
		wo	90 00377	A1	Harms et al.	01/25/1990	WO	
		wo	91 06254	A1	Biedermann et al.	05/19/1991	wo	
		wo	91 16020	A1	Danninger Medical Technology	10/31/1991	wo	
		wo	92 20294	A1	Eisenstein et al.	11/26/1992	wo	
		wo	93 11715	Al	Jeanson et al	06/24/1993	wo	
		wo	94 14384	Α2	Plus Endoprothetik	07/07/1994	WO	

Examiner Date Signature Considered

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This collection of information is required by 37 CRF 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file public public properting upone in a distribution of completes application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this from should be sent to the Cultific Information Office. U.S. Pleater and Trademark Office. U.S. Department of Commerce, P.O. Box 1493, Alexandria, VA 22913-1493. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1493, Alexandria, VA 22913-1493.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 2 of 28

d to respond to a collection of information unless it displays a valid OMB control number							
Confirmation Number	1111						
Application Number	10/821,284						
Filing Date	April 9, 2004						
First Named Inventor	Moore						
Group Art Unit	3733						
Examiner Name	Hoffman, Mary						
Attorney Docket Number	DEP5292USNP						

		U.S. Patent Doc.	ment		1	1	
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	
		4,274,401		Miskew, D.	06/23/1981	4,274,401	
		4,369,011		Ploss, Helmut	01/1983	4,369,011	
		4,373,754		Bollfrass ett al	02/15/1983	4,373,754	
		4,492,749		Scheler	01/18/1985	4,492,749	
		4,382,438		Jacobs, R.	05/10/1983	4,382,438	
		4,611,580	11	Wu, K.	09/16/1986	4,611,580	
		4,763,644		Webb	08/16/1988	4,763,644	
		4,799,372		Marcon et al.	01/24/1989	4,799,372	
		4,805,602 4,815,453		Cotrel, Y.	03/28/1989	4,805,602	
				White et al.	07/25/1989	4,815,453	
		4,836,196		Park et al.	06/06/1989	4,836,196	

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-		Foreign	Patent Docume	nt	Name of Patentee or	Date of Publication Pages, Columns, Lines, of Cited Document where relevant			
Examiner Initials	Cite No.1	Office ³	Number ⁴ Ki	ndCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ⁶	
		wo	95 01132	A1	Synthes	01/12/1995	wo		
		wo	95 13755	A1	Cross Medical Products Inc.	05/26/1995	wo		
		wo	95 13756	A1	Cross Medical Products Inc.	05/26/1995	wo		
		wo	95 14437	A1	Sofamor Danek Group	06/01/1995	wo		
		wo	98 12977	A1	SDGI Holdings Inc.	04/02/1998	wo		
		wo	00 27297	Al	SDGI Holdings Inc.	05/18/2000	wo		
		wo	01 01873	A1	Spinevision S.A.	01/11/2001	wo		

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Signature		Considered	
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The collection of information is required by \$7 CRF 197 and 138. The information required to obtain or retain a benefit by the public which is to the (and by the USPT to) process) an application. Confidentiality is generated by \$81 US C. 122 and \$7 CRF 1.4. This collection is entired to take 2 how to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this from shoot be sent to the Culter Information Officer. U.S. Petert and Tadernak Office. U.S. Department of Commence, P.O. 80x 1493, Alexandria, VA 22313-1493. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND 107: Commissioner for Patents, P.O. 80x 1493, Mexandria, VA 22313-1493.

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(use as many sheets as necessary) Sheet 3 of 28

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Attorney Docket Number	DEP5292USNP						

		U.S. Patent Document			
Examiner Initials	Cite No.1	Number (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages o relevant figures appear
		4,848,368	Kronner, R.	07/18/1989	
		4,887,596	Sherman, M.	12/19/1989	
		4,913,134	Luque	04/03/1990	
		4,946,458	Harms et al.	08/07/1990	
		4,950,269	Gaines, R., Jr.	08/21/1990	
		5,005,562	Cotrel, Y.	04/09/1991	
		5,042,982	Harms et al.	08/27/1991	
		5,067,955	Cotrel, Y.	11/26/1991	
		5,092,635	DeLange et al.	03/1992	
		5,092,867	Harms et al.	03/03/1992	
		5,092,893	Smith	03/03/1992	

				FOR	EIGN PATENT DOCUMENTS			
Examiner Cite Initials No.1				nt ndCode ⁵	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
		wo	04 041100	A1	Spinal Concepts, Inc	05/021/2004	wo	
	WO 05 041799 A1		Innovative Spinal Technologies	05/12/2005	WO			
		wo	20 69854		Kim, Sung-Kon	09/12/2002	wo	
		DE	430 7576		Biedermann	04/21/1994	DE	
		DE	199 12 364	B4	Brehm, Peter	10/07/2004	DE	
		DE	26 49 042	B1	Ulrich, Max Bernhard	01/05/1978	DE	
		DE	29 03 342	A1	Hoochst AG	07/31/1980	DE	

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Signature							Considere	ed				
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and not considered. Include copy of this tim when lend communication to applicants. - Applicant's unique culation designation number (optionia), a See Kinds Codes of US, Pattert Documents (as you registago), a Finder Office their leader the document, by the two-letter code (PMPO, Stardard ST, 3, 4 For Japanese pattert documents, his indication of the year of the region of the Emperor must procedule the senial number of the patient document, skind of the patient patient of the patient of the patient of the patient of the patient document, skind of English patients of the patients of the patients of the patients of the patient of the patient of the patient document when Who Stardard ST. His flowable is Applicant to be place a check many knew of English patients of the patie

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Group Art Unit	3733						
Examiner Name	Hoffman, Mary						
Attorney Docket Number	DEP5292USNP						

				U.S. PATENT DOCUMENTS		
		U.S. Patent Document			Date of D AFARTIN	
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages of relevant figures appear
		5,129,388		Vignaud et al.	07/14/1992	
		5,154,719		Cotrel, Y.	10/13/1992	
		5,171,279		Mathews	12/15/1992	
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		5,196,013		Harms et al.	03/23/1993	
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		5,242,446		Steffee et al.	09/07/1993	
		5,261,907		Vignaud et al.	11/16/1993	
		5,261,912		Frigg	11/16/1993	
		5,261,913		Marnay, T.	11/16/1993	

				FORE	EIGN PATENT DOCUMENTS			
		Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office ³ Number ⁴ Kin		ndCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ⁶
		DE	298 10 798	U1	Schafer Micomed GmbH	12/02/1999	DE	
		DE	3434807	A1	Mecron Medizinische Produkte GmbH	12/19/1985	DE	
		DE	3639810	A1	Ulrich, Heinrich	05/26/1988	DE	
		DE	3711013	C1	Harms, Jurgen	06/09/1988	DE	
		DE	3916198	C2	Gerhard Hug GmbH	07/16/1992	DE	
		EP	0346521		Acromed Corp	07/27/1988	EP	
		EP	0465158		Mehdian Seyed Mohamed	06/28/1991	EP	

Examiner		Date	
Signature		Considered	
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"EXAMINEE Inflat inference consistered, whether or not clasion is in conformance with IMPP 080. Draw line through citation in not in conformance and not considered, include copy of this form with next commission to applicant. Applications studies classification designation number (optional). See Kinds Codes of U.S. Patern Discourants at https://www.usor.org/not/. Either Office that issued the document, by the two-teter code (WIPO Sariadra ST.3), 4-For Japanese patert documents, the indication of the year of the region or the Emperor must procede the estimal number of the patert document, such of document with the patern of the Composition and procedure in the all number of the patert document. 4-for do document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 4-Applicant is to place a check mark here if English singuage Pransaktion statisticals.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 5 of 28

	1	U.S. Patent Doc.	mont	U.S. PATENT DOCUMENTS	T	1
Examiner Initials	Cite	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		5,282,862		Baker et al.	02/01/1994	
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		5,352,231		Brumfield et al.	10/04/1994	
		5,360,431		Puno et al.	11/01/1994	
		5,385,583		Cotrel	01/31/1995	
		5,397,363		Gelbard	03/14/1995	
		5,429,639		Judet, T.	07/04/1995	
		5,443,467		Biedermann et al.	08/22/1995	
		5,466,237		Byrd III et al.	11/14/1995	
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				FOR	EIGN PATENT DOCUMENTS			
Examiner Initials	Cite	Foreign Patent Document Office ³ Number ⁴ KindCode ⁵			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
		EP	0836835	A2	Spinal Innovations	10/09/1996	EP	
		EP	0870474		Bioprot SA	07/28/1997	EP	Г
		EP	1090595	A2	Stryker Spine	04/11/2001	EP	
		EP	0614649		Biedermann Motech	02/10/1994	EP	
		DE	100 27 988	A1	Kosmala	01/10/2002	DE	
		DE	101 36 129	Al	Biedermann Motech	02/20/2003	DE	
		DE	101 57 969	C1	Biedermann Motech	02/06/2003	DE	

Examiner Signature			Date Considered		
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This collection of information is required by 37 CRF 1,97 and 1,98. The information required to obtain or retain a benefit by the public which is to file (and by the USPT) on process an application. Confidentiality is general by 36 US.C. 122 and 37 CRF 1,41 file collection is extended to take or boroptes, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this from shoot be sent to the Collectification (DISC US.C. Pagentiment of Commerce, P.O. Box 1450, Alexandria, VA.2313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND 107 Commissioner for Patents, P.O. Box 1469, Alexandria, VA.2313-1450

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Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
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Attorney Docket Number	DEP5292USNP

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		U.S. Patent Document			Date of D A Francisco	
Examiner Initials	r Cite	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages of relevant figures appear
	П	5,496,321		Puno et al.	03/05/1996	
		5,520,689		Schlapfer et al.	05/28/1996	
		5,536,268		Griss, P.	07/16/1996	
		5,545,165		Biedermann et al.	08/13/1996	
		5,554,157		Errrico et al.	09/10/1996	
		5,569,248	100	Mathews	10/29/1996	
		5,584,887		Kambin	12/17/1996	
		5,585,020		Johnson et al.	01/1999	
		5,586,984		Errico et al.	12/24/1996	
		5,605,457		Bailey et al.	02/25/1997	
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					IGN PATENT DOCUMENTS			
	Cite	Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials		Office ³	3 Number ⁴ KindCode ⁵		Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ⁶
		DE	199 12 364	A1	Brehm, Peter	10/12/2000	DE	
		DE	430 7576		Biedermann	04/21/1994	DE	
		EP	1133951	A2	Lee, Chun-Tek	09/19/2001	EP	
		EP	1190678	A2	DePuy Acromed	03/27/2002	EP	
		EP	1332722	A1	Stryker Trauma GmbH	08/06/2003	EP	
		EP	0242708	A2	Harms, Jurgen	04/08/1987	EP	
		EP	0283373	A1	Societe De Fabrication de Materiel Orthopedique, Berk.Mer, FR	03/04/1988	EP	

	Examiner Signature		Date Considered	
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"EXAMINE: Initial if reference considered, whether or not clation is in conformance with MFIP 608. Draw line through clation if not in conformance and not considered, include copy of this form with net communication to applicant. Application striple calcidant designation matter (optional), a For Kinds Cotes of U.S. Patent Documents at <u>yww. uspin.com</u>. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3), « For Japanese patent documents, the disclassion of the year of the represent must precede the esteral number of the patent document, such disclassion of boundard standard or document with the appropriate symbols as indicated on the document under WIPO Standard ST. (16 if possible, «Applicant is to place a check mark here if English language frankation is attached.)

This collection of information is required by 37 CRF 197 and 158. The information required to obtain or retain a benefit by the public which is to file (and by the USPO to process) an application. Condisentally is gowered by 38 U.S.C. 122 and 37 CRF 14. This collection is enternant to sace by common complete, including agitherino, preparino, and submitting the completed application to the USPIO. Time will vary depending upon the individual case. Any comments on the enounct of time you are required to complete this form shoot be sent to the Chell information Officer. U.S. Patent and Trademark Office. U.S. Department of Commerce, P.O. 80x 1405, Alexandria, V.A. 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND 107: Commissioned for Patents, P.O. Box 1405, Alexandria, V.A. 22313-1450.

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 1111

 Application Number
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 Filing Date
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 First Named Inventor
 Moore

 Group Art Unit
 3733

 Examiner Name
 Hoffman, Mary

 Attorney Docket Number
 Despessors

	_			U.S. PATENT DOCUMENTS	1	
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Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	of Cited Document	of Cited Document mm-dd-yyyy	where relevant passages or relevant figures appear
		5,651,789		Cotrel	07/29/1997	
		5,667,508		Errico et al.	09/16/1997	
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		5,672,176		Biedermann et al.	09/30/1997	
		5,683,390		Metz-Stavenhagen et al.	11/04/1997	
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		5,690,630		Errico et al.	11/25/1997	
		5,716,356		Biedermann et al.	09/30/1997	
		5,725,527		Biedermann et al.	03/10/1998	
		5,733,286		Errico et al	03/31/1998	
		5,738,685		Halm et al.	04/14/1998	

				FOR	EIGN PATENT DOCUMENTS			
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		EP	0324022		Biedermann	09/15/1993	EP	
		EP	0328883	A2	Howmedica Gmbh	01/17/1989	EP	
		EP	0330881	A1	Synthes	02/10/1989	EP	
		EP	0348272		Societe De Fabrication de Materiel Orthopedique, Berk.Mer, FR	06/13/1989	EP	
		EP	0392927		Societe De Fabrication de Materiel Orthopedique, Berk.Mer, FR	04/11/1990	EP	
		EP	0379551		Harms, Jurgen	07/11/1989	EP	
		EP	0441729		Vignaud, Jean-Louis	02/05/1991	EP	

Examiner		Date	
Signature		Considered	
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The collection of internation is required by 37 CFR 197 and 198. The information required to obtain or retain a benefit by the public which is to file (and by the USPI) or process) an application. Confidentiality is operated by 58 US. C 122 and 37 CFR 1.4. This collection is enternated to see Powered by 58 US. C 122 and 37 CFR 1.4. This collection is enternated to see Powered by 68 US. C 122 and 37 CFR 1.4. This collection is enternated to see Powered by 68 US. C 122 and 37 CFR 1.4. This collection is enternated to see Power by 68 US. C 122 and 37 CFR 1.4. This collection is enternated to complete complete and policiation to the USPIO. Time will vary depending upon the individual case. Any comments on the amount of films you are required to complete this form should be sent to the Cultifornization Office, U.S. Petert and Tadernat Office, U.S. Department of Commence, P.O. Box 1493, Alexandria, VA 22313-1493. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND IN CO. Commissioner for Patents, P.O. Box 1493, Alexandria, VA 22313-1493.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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 Confirmation Number
 1111

 Application Number
 10821,284

 Filing Date
 April 9, 2004

 First Named Inventor
 Moore

 Group Art Unit
 3733

 Examiner Name
 Hoffman, Mary

 Attorney Oxclet Number
 Despessor

				U.S. PATENT DOCUMENTS		
		U.S. Patent Doc.	iment			
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages o relevant figures appear
		5,782,833		Haider	07/21/1998	
		5,788,097		McInnes	08/04/1998	
		5,797,911		Sherman et al	03/09/1999	
		5,810,818		Errico	09/22/1998	
		5,817,094		Errico et al.	10/06/1998	
		5,863,293		Richelsoph	01/26/1999	
		5,873,878		Harms et al.	02/23/1999	
		5,879,350		Shermann et al.	03/09/1999	
		5,882,350		Raiph et al.	03/16/1999	
		5,885,286		Sherman et al.	03/23/1999	
		5,888,221		Gelbard	03/30/1999	

				FOR	EIGN PATENT DOCUMENTS	,		
		Foreign Patent Document		ent	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office ³	Number ⁴ K	indCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ⁶
		EP	0452451		Biederman	11/02/1990	EP	
		EP	0528706		Societe De Fabrication de Materiel Orthopedique, Berk.Mer, FR	07/16/1992	EP	
		EP	0572790		Synthes AG	04/22/1993	EP	
		EP	0771635		Nordson Corp	10/09/1996	EP	
		EP	1332722		Metz-Stavenhagen	05/20/1998	EP	
		FR	2 659 546		LaPresie	03/19/1990	FR	
		FR	2 624 720		Societe De Fabrication de Materiel Orthopedique, Berk.Mer, FR	12/21/1987	FR	

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Signature					Considered					

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEP5292USNP

		U.S. Patent Doc.	iment			
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages of relevant figures appear
		5,891,145		Morrison et al.	04/06/1999	
		5,899,905		Errico et al.	05/04/1999	
		5,925,047		Errico et al.	07/20/1999	
		5,947,969		Errico et al.	09/07/1999	
		5,964,760		Richelsoph, M.	10/12/1999	
		5,976,146	T. N.	Ogawa	11/02/1999	
		5,984,922		McKay	11/16/1999	
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		6,010,503		Richelsoph	01/04/2000	
		6,033,406		Mathews	03/07/2000	
		6,053,917		Sherman et al.	04/25/2000	

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	Foreign	Patent Documer	it	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Cite No.1	Office ³	Number ⁴ KindCode ⁵		Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	Τ ⁶
	JP	64 76847		Cotrel	3/22/1989	JP	
	DE	9006568.9		Jeszensky, D.	12/06/1990	DE	
	DE	9403231.9		Aesculap AG	06/01/1994	DE	
	DE	8915443.6		Societe de Fabricatgion de Materiel Orthopedique, Berk.Mer, FR	07/26/1990	DE	
_	wo	05041799		Spitter	05/12/2005	wo	-
	JP	64 76847		Cotrel	3/22/1989	JP	
	DE	9006568.9		Jeszensky, D.	12/06/1990	DE	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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 Confirmation Number
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 Application Number
 10821,284

 Filing Date
 April 9, 2004

 First Named Inventor
 Moore

 Group Art Unit
 3733

 Examiner Name
 Hoffman, Mary

 Altomov Docket Number
 DE-PS292/USNP

				U.S. PATENT DOCUMENTS			
		U.S. Patent Doc.	ment		Date of Publication	Bassa Calumna Linea	
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages of relevant figures appear	
		6,056,753		Jackson	05/02/2000		
		6,059,786		Jackson	05/09/2000		
		6,074,391		Metz-Stavenhagen et al.	06/13/2000		
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		6,099,528		Saurat	08/08/2000		
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		Foreign	Patent Doci	ument	Name of Patentee or	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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 Confirmation Number
 110

 Registration Number
 100821,284

 Filling Date
 April 9, 2004

 First Named Inventor
 Moore

 Group Art Unit
 3733

 Examiner Name
 Hoffman, Mary

 Altomov Docket Number
 DES-5292USNP

	T	U.S. Patent Doc.	ment	U.S. PATENT DOCUMENTS	1	
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		6,113,602		Sand	09/05/2000	
		6,120,760		Hotten et al.	09/19/2000	
		6,132,431		Nilsson et al.	10/17/2000	
		6,132,432		Richelsoph	10/17/2000	
		6,139,551		Michelson et al.	10/31/2000	
		6,183,472	1	Lutz, C.	02/06/2001	
		6,224,598		Jackson, R.	05/01/2001	
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				FORE	IGN PATENT DOCUMENTS			
		Foreign	Patent Docu	ument	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office ³	Number ⁴	KindCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ⁶
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*EXAMINE: Initial inference considered, whether or not clation is in conformance with MEPE 080. Data line through clation if not conformance and not considered, include copy of this form with near commission to applicant. Application sharple calcitant designation unather (optional). See Kinds Codes of U.S. Pater 10 coursets at <a href="https://www.neuro.com/neuro.

This collection of information is required by 37 CRF 1,97 and 1,98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO) or process) an application. Conditertalisty is expended by 58 US C. 22 and 37 CRF 1,41 file collection is extended to late 2 host complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this from shooth be sent to the Collectific information Office. U. S. Patent and Traderank Office. U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND OF COMPLETED FORMS TO THIS ADDRE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 12 of 28

				U.S. PATENT DOCUMENTS		
		U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Pages, Columns, Lines.
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	of Cited Document	of Cited Document mm-dd-yyyy	where relevant passages or relevant figures appear
		6,261,287		Metz-Stavenhagen	07/17/2001	
		6,280,442		Barker et al.	08/28/2001	
		6,296,642		Morrison et al.	10/02/2001	
		6,299,616		Beger	10/09/2001	
		6,315,564		Levisman	11/2001	
		6,331,179	307	Freid et al.	12/18/2001	
		6,355,040		Richelsoph et al.	03/12/2002	
		6,358,254		Anderson	03/19/2002	
		6,361,535		Jackson, R.	03/26/2002	
		6,371,989		Chauvin et al.	04/16/2002	
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Examiner Initials		Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
	Cite No.1	Office ³ Number ⁴ KindCode ⁵		KindCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ⁶
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This collection of information is required by 37 CFR 137 and 138. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO) opnoses) an application. Confidentiality is operated by 35 US. 27.22 and 37 CFR 1.41. This collection is enterant to take 2 host complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this time should be sent to the Collectific information Office. US. Patent and Trademark Office. US. Department of Commence, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND 107 Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 13 of 28

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Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEP5292USNP

				U.S. PATENT DOCUMENTS		
	Cite No.1	U.S. Patent Document			Date of Publication	Daniel Ballery 1999
Examiner Initials		Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		6,387,097		Alby	04/14/2002	
		6,416,515		Wagner	07/09/2002	
		6,428,541		Boyd	08/06/2002	
		6,440,132		Jackson	08/27/2002	
2		6,440,133		Beale et al.	08/27/2002	
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		6,468,276		McKay	10/22/2002	

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Examiner Initials		Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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				U.S. PATENT DOCUMENTS		
	Cite	U.S. Patent Document			Date of Publication	2
Examiner Initials		Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages o relevant figures appear
		6,471,705		Biedermann et al.	10/29/2002	
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Examiner Initials		Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	Г
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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 Confirmation Number
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 Registration Number
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 Filling Date
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 First Named Inventor
 Moore

 Group Art Unit
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 Examiner Name
 Hoffman, Mary

 Altomov Docket Number
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		U.S. Patent Document					
Examiner Initials	Cite No.1		Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	
		6,530,028		Yokoyama	03/04/2003		
		6,530,929		Justis	03/11/2003		
		6,537,276		Metz-Stavenhagen	03/25/2003		
		6,540,748		Lombardo, A	04/01/2003		
		6,540,749		Schafer et al.	04/01/2003		
		6,641,586	1	Varieur	11/2003		
		6,723,100		Biederamann et al.	04/20/2004		
		6,730,089		Jackson	05/2004		
		6,793,656		Mathews	09/21/2004		
		6,911,030		Vanacker et al.	06/28/2005		
		2001/0001119		Lombardo	05/10/2001		

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Examiner Initials		Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
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 First Named Inventor
 Moore

 Group Art Unit
 3733

 Examiner Name
 Hoffman, Mary

 Attorney Docket Number
 DEPES282USNP

				U.S. PATENT DOCUMENTS	**	
Examiner Initials	Cite	U.S. Patent Document Kind Code ² Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant passages of
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		2001/0025180		Jackson, R.	09/27/2001	2001/0025180
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Initiale	Cite No.1	Office ³ Number ⁴ KindCode ⁵			Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	where relevant passages or relevant figures appear	T ⁰
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Examiner			Date		
Signature			Considered		

*FXAMINES; Initial if reference considered, whether or not clastion is in conformance with MEPE 600. Data line through clastion in an conformance and not considered, include copy of this town with next communication to applicate. Application, striple, existent designation in until conformance and not considered, include copy of this form with next consumers, including a striple conformation and produced in the striple of the Empirican Application and the striple of the Empirican striple storage to extend conformation of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible. Applicant is to place a check mark here if English language part frankstorion is started.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Confirmation Number

10/821,284
Filing Date
Application Number
First Named Inventor
Group Art Unit
S733
Examiner Name
Hoffman, Mary
Attorney Docket Number
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		U.S. Patent Docume	nt		Date of Publication	Pages, Columns, Lines,
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		Foreign	Patent Doc	ument	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office ³	Office ³ Number ⁴ KindCode ⁵		Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ⁶
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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 Confirmation Number
 1111

 Application Number
 10821,284

 Filing Date
 April 9, 2004

 First Named Inventor
 Moore

 Group Art Unit
 3733

 Examiner Name
 Hoffman, Mary

 Altomov Docket Number
 DE-5928USNP

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		U.S. Patent Docum	ent		Date of Publication	Dance Calumna Lines
Examiner Initials	Cite No.1	Kind Code ² Number (if known)		Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, where relevant passages of relevant figures appear
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Examiner Initials		Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office ³ Number ⁴ KindCode ⁵		KindCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	Τ ^θ

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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		U.S. Patent Docum	ent		Date of Publication	Pages, Columns, Lines,
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	where relevant passages or relevant figures appear
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Evaminer		Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office ³	Number ⁴	KindCod	Applicant of Cited Decument	mm-dd-yyyy	passages or relevant figures appear	Τ ⁶
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	Date			Examiner
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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 Confirmation Number
 1111

 Application Number
 10821,284

 Filling Date
 April 9, 2004

 First Named Inventor
 Moore

 Group Art Unit
 3733

 Examiner Name
 Hoffman, Mary

 Altomov Docket Number
 DES-PS292USNP

				U.S. PATENT DOCUMENTS		
		U.S. Patent Docume			Date of Publication	Pages, Columns, Lines,
Examiner Initials	Cite No.1	Number	(if known)		of Cited Document mm-dd-yyyy	where relevant passages or relevant figures appear
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		2003/0045879		Minfelde et al.	03/06/2003	
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		Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office ³	Office ³ Number ⁴ KindCode ⁵		Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ⁶
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 21 of 28

				U.S. PATENT DOCUMENTS	-	,
		U.S. Patent Docum			Date of Publication	Pages, Columns, Lines, where relevant passages or relevant figures appear
Examiner Initials	Cite No.1	Number	(if known)	Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	
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Examiner Initials	Cite No.1	Office ³	Number ⁴	KindCode	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ⁶
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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 Confirmation Number
 1111

 Application Number
 10821,284

 Filing Date
 April 9, 2004

 First Named Inventor
 Moore

 Group Art Unit
 3733

 Examiner Name
 Hoffman, Mary

 Altomov Docket Number
 DE-5928USNP

	7			U.S. PATENT DOCUMENTS	1	7
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Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages of relevant figures appear
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		Foreign	Patent Docu	ment	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office ³ Number ⁴ Kind		KindCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	Τ ⁶

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 23 of 28 | 16 megods to activation of information unless it displays a self-CMI confirmation Number | 111 | 294 | Application Number | 101821,294 | Filing Date | April 9, 2004 | April

	_	U.S. Patent Document		U.S. PATENT DOCUMENTS	1	1
Examiner Initials	Cite	Kind Code ² Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
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				FOR	EIGN PATENT DOCUMENTS			
		Foreign	Patent Doci	ument	Name of Patentee or	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office ³	Number ⁴	KindCode ⁵	Applicant of Cited Document		passages or relevant figures appear	T ⁶
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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 Confirmation Number
 1111

 Application Number
 10821,284

 Filling Date
 April 9, 2004

 First Named Inventor
 Moore

 Group Art Unit
 3733

 Examiner Name
 Hoffman, Mary

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 DE-5928USNP

			U.S. PATENT DOCUMENTS		
		U.S. Patent Document		Date of D AFFORD	David Out and 1889
Examiner Initials	Cite No.1		Code ² Name of Patentee or Applicant onown) of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages o relevant figures appear
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				FORE	IGN PATENT DOCUMENTS			
		Foreign	Patent Docu	ment	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No.1	Office ³ Number ⁴ KindCode ⁵		KindCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	Τ ^θ
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Examiner Signature			Date Conside	red	

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 25 of 28

			U.S. PATENT DOCUMENTS	
		U.S. Patent Document	Name of Patentee or Applicant	Date of Publication Pages, Columns, Lines
Examiner Initials	Cite No.1	Kind Coo Number (if know	of Cited Desument	of Cited Document where relevant passages mm-dd-yyyy relevant figures appear
		7666188	Anderson	02/23/2010
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*EXAMINE: Initial inference considered, whether or not clation is in conformance with MEPE 080. Data line through clation if not conformance and not considered, include cupy of this form with near communication to applicant. Application simple clatification designation unterier (optional). See Kinds Codes of U.S. Patert Documents at <a href="https://www.neuro.com/

This collection of information is required by 37 CRF 1,97 and 1,98. The information required to obtain or retain a benefit by the public which is to file found by the USPTO to process an application. Conditertalisty as general by 35 US. CZ 22 and 37 CRF 1,41 file collection is extended to late 2 host complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this from shooth be sent to the Collectific information Office. U.S. Patent and Traderank Office. U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA. 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND OF COMPLETED FORMS TO THIS ADDRES

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Confirmation Number 110821,284
Filing Date April 9, 2004
First Named Inventor Moore
Group Art Unit 3733
Examiner Name Hoffman, Mary
Altomore Dockel Number De F52921(SNP)

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				U.S. PATENT DOCUMENTS		
		U.S. Patent Docu	ment		Date of Publication	Pages, Columns, Lines,
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	where relevant passages o relevant figures appear
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Examiner Initials	Cite No.1	Office ³	Number ⁴ K	indCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	Τ ^θ
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessar Sheet 27 of 28

Confirmation Number	1111
Application Number	10/821,284
Filing Date	April 9, 2004
First Named Inventor	Moore
Group Art Unit	3733
Examiner Name	Hoffman, Mary
Attorney Docket Number	DEP5292USNP

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	
Examiner's	Cite	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),	T ²
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Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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